



C o u n t y o f S a n L u i s O b i s p o
GENERAL SERVICES AGENCY

Janette D. Pell, Director

Cody VanDorn, Department Administrator

**INVITATION TO BID #3615-13
NEW AND UNUSED WATER TRUCK**

July 16, 2013

The County of San Luis Obispo is currently soliciting bids for a New and Unused Water Truck, as noted.

Each bid shall specify each and every item as set forth in the attached specifications. Any and all exceptions must be clearly stated in the bid. Failure to set forth any item in the specifications shall be grounds for rejection. The County of San Luis Obispo reserves the right to reject all bids and to waive any informalities.

Please submit your bids on the attached form. They must be received at the office of the General Services Agency no later than 3:00 p.m., August 6, 2013.

Any and all comments and suggestions are sincerely encouraged prior to the bid opening.

All questions pertaining to the content of this Invitation to Bid must be made in writing via e-mail to Jim Berg at: jberg@co.slo.ca.us. All questions will receive a response within five (5) business days. Questions must be submitted no later than 3:00 p.m. on July 25, 2013. The question and its response will be posted (anonymously) on the County's Purchasing web site located at:

http://www.slocounty.ca.gov/GSA/Purchasing/Current_Formal_Bids_and_Proposals.htm.

The County reserves the right to determine the appropriateness of comments / questions that will be posted on the website.

BARBARA ADAMS
Buyer – GSA - Purchasing
beadams@co.slo.ca.us

County of San Luis Obispo Invitation to Bid #3615-13 July 16, 2013 Page 2
NEW AND UNUSED WATER TRUCK

TO: ALL PROSPECTIVE BIDDERS

SUBJECT: LOCAL BIDDERS PREFERENCE

The County of San Luis Obispo has established a local vendor preference. All informal and formal bids for contracts will be evaluated with a 5% preference for local vendors. Note the following exceptions:

1. Those contracts which State Law requires be awarded to the lowest responsible bidder.
2. Public works construction projects.

A "local" vendor will be approved as such when, 1) It conducts business in an office with a physical location within the County of San Luis Obispo; 2) It holds a valid business license issued by the County or a city within the County; and 3) Business has been conducted in such a manner for not less than six (6) months prior to being able to receive the preference.

As of March 3, 1994 individual County Buyers evaluate bids considering the local vendor preference described above. The burden of proof will lie with bidders relative to verification of "local" vendor preference. Should any questions arise, please contact a buyer at (805) 781-5200. All prospective bidders are encouraged to quote the lowest prices at which you can furnish the items or services listed in County bids.

	YES	NO
Do you claim local vendor preference?		
Do you conduct business in an office with a physical location within the County of San Luis Obispo?		
Business Address: _____ _____		
Years at this Address: _____		
Does your business hold a valid business license issued by the County or a City within the County?		
Name of Local Agency which issued license: _____		

Business Name: _____

Authorized Individual: _____ Title: _____

Signature: _____ Dated: _____

TO: ALL PROSPECTIVE BIDDERS

**SUBJECT: POLICY ON PURCHASING PRODUCTS MADE WITH OR CONTAINING
 CHLOROFLUOROCARBONS (CFC's)**

Summary

Many products contain chlorofluorocarbons (CFC's), a known depleter of ozone in the atmosphere. Under the U.S. Clean Air Act and the Montreal Protocol on Substances that Deplete the Ozone Layer, CFC production for use in industrialized nations is to be totally phased out by January 1, 1996. There are still many products on the market that contain CFC's or are made with CFC's. The Department of General Services, purchasing staff must identify products made with or containing CFC's and purchase alternative products whenever practical and possible.

Policy

To this end, it shall be the policy of the County of San Luis Obispo that all bidders, who wish to do business with the County are required to identify all products that contain CFC's or use CFC's in the manufacturing or shipping processes. Bidders are required to identify alternative products that do not use CFC's, for possible purchase by the County.

Bidder Response

	YES	NO
Do any products offered herein contain CFC's or use CFC's in the manufacturing or shipping process?		
If yes, please offer an alternative product by copying bid forms and submitting an alternate bid. Will you offer an alternate?		
Please provide any other information that may be helpful to the County. Attachments are acceptable.		

Bidder: _____

GENERAL CONDITIONS AND INSTRUCTIONS

1. All bids submitted by Seller to Purchaser should be submitted upon the attached bidder's form, completed and signed, (only typewritten or ink shall be accepted with no erasures or corrections unless properly authenticated by signature) in accordance with the instructions contained herein.
2. The issuance of this bid request creates no obligation on the part of the County and the County reserves the unconditional right at its option to either reject all bids or waive any irregularities or informalities therein. Each bid shall be in a separate sealed envelope with the bid number, name of bidder, title of the bid, date and time due showing on the outside of the envelope.
3. All prices must be firm for 45 days from the date of the bid opening and be inclusive. Upon award, prices will be in effect for the term of the contract.
4. If you offer any prompt payment discounts, please indicate this on your bid.
5. Awards will be made to realize the greatest savings to the County.
6. Submission of a signed bid will be interpreted to mean that the bidder has thereby agreed to all conditions, instructions, descriptions and specifications contained herein.
7. All materials included in the contract shall be in compliance with all Federal and State OSHA laws.
8. All applicable City, State, and Federal taxes and fees are to be included in the proposal.
9. The only terms that will be honored are those terms included in general and special conditions and instructions, purchase order or other documents issued by the County.
10. In the event of any conflicts or ambiguities between these instructions and State or Federal laws, regulations or rules, then the latter shall prevail.
11. Only one bid will be accepted per vendor.
12. Bidders may withdraw their bid either personally, by written request, or by telegraphic request confirmed in the manner specified above at any time prior to the scheduled closing time for receipt of bids. No bidder may withdraw their bid after the time set for the opening.
13. All time limits stated are of the essence. Any bids received after closing time stipulated will be returned unopened.
14. All bids must be submitted in a manner so they can be readily hole punched and placed in a standard legal size file folder.

15. The County may make partial payments after a substantial portion of the merchandise has been delivered. On all items, a 10% retention will be withheld until all merchandise has been accepted.
16. Brand names are used to establish a level of quality only. Any alternates must be approved five (5) days prior to the bid opening date, by the Buyer, who will have the sole right to make the determination. If an alternate is submitted without going through the above- described process, the County will have the sole right to decide whether or not an alternate is acceptable.
17. Vendor agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin and that it will comply with the "Contractor's Agreements" provisions of Presidential Executive Order No. 11246.
18. **NO FAXED** Bids will be accepted.
19. Return bid by August 6, 2013 at 3:00 p.m. to:

COUNTY OF SAN LUIS OBISPO
GENERAL SERVICES AGENCY
BARBARA ADAMS, BUYER
1087 SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA 93408

SPECIFICATIONS FOR A TWO AXLE WATER TRUCK

DEPARTMENT: Public Works & Transportation
REPLACING: Truck 1131
NEW EQUIPMENT NUMBER: 1244

It is the intent and purpose of this specification to describe a water truck with an approximately 2,500 gallon tank and a PTO driven pump, suitable for watering, maintenance and cleaning operations performed by the County of San Luis Obispo Public Works Department.

Quality, construction details, performance characteristics and price quotations will be analyzed and the water truck which best serves the interest of the county may be purchased. The County specifically reserves the right to reject any or all proposals.

All equipment and accessories shall meet OSHA, Department of Industrial Safety and California Highway Patrol regulations. All equipment and accessories are to be mounted or installed to Society of Automotive Engineers or American Trucking Association standards.

Minor deviations from these specifications may be acceptable provided that the operating capabilities or characteristics of the unit are not adversely affected. **Such deviations are to be noted under "DEVIATIONS" column below and or submitted in writing with the bid submission.**

CHASSIS:

1.0 DIMENSIONS AND CAPACITY:

GVWR: 33,000 lb's. approximate
Wheel base: 154" -- approximate
Back of Cab to Axle: 84" -- approximate
Frame width: 34" to the outside of each frame rail

Deviations

2.0 POWER TRAIN:

- 2.1 Engine: 6 cylinder diesel rated at no less than
260 net horsepower and 660 ft. Lbs. torque. – Minimum
Must have 2013 EPA/CARB Emission Certification
- a. Engine to be programed as follows:
A maximum manual controlled road speed of 65 MPH.
 - b. Cruise control: maximum cruise control
speed at 65 MPH.
Idle shutdown set to 5 minutes
 - c. Engine Brake: Engine to be equipped with an exhaust or
compression brake

Deviations

2.2 Transmission: Allison, 3500 P, Wide ratio, Automatic.
 Programming Force Neutral

2.3 Lubricants: The transmission and differential are to be filled
 with extended life, synthetic or synthetic blend, oil

2.4 Differential: Single speed

3.0 AXLES AND SUSPENSION:

3.1 Front axle: Rating 12,000 lbs. - Minimum

a. Shock absorbers: Heavy duty

3.2 Front springs: Multi-Leaf type

a. Capacity: 12,000 lbs. - Minimum

3.3 Rear Axle: Rockwell, RS-23-160, single speed.

a. Ratio: Appropriate for optimum engine performance

3.4 Rear Springs: Multi-leaf type

a. Capacity: 21,000 lbs. - Minimum

4.0 BRAKES:

4.1 Service: A full air brake system shall be provided.

a. All wheels to be fitted with outboard mounted drums
 and Rockwell, S cam, quick change type shoes.

b. Compressor: shall be 13 cfm - Minimum.

c. Air dryer: Desiccant type, spin-on cartridge style,
 such as "Bendix model AD-9."

(Non spin-on type will not be accepted.)

d. Wet-tank: fitted with pull cord type tank drains.

e. Front Brakes: 15" X 4", Q plus

f. Rear brakes: 16.5" X 7", Q plus and Maxi chambers

g. Anti-lock Brake System

4.2 Parking brakes:

Air actuated, spring operated emergency brake system
shall be provided. System to be operable manually from
a valve located on the dashboard in the cab.

5.0 TIRES AND WHEELS:

Front Hubs: Oil bath type with sight window

Wheels: Single piece, heavy duty, hub piloted with
flange type nuts, 10 hole steel disc type.

5.1 Tires:

Front: 11R22.5 load range "H" with Highway tread design.

Rear: 11R22.5, load range "G" with Traction tread

To include one spare front tire and wheel.

6.0 EXHAUST SYSTEM:

Horizontal exhaust under the right side of truck

Deviations

7.0 ELECTRICAL:

- a. Alternator: 160 Amp. _____
- b. Batteries: 1850 cold cranking amps _____
- c. Lights: California legal. _____
- d. Back up alarm 102 DB – Minimum _____
- e. Beacon: A rotating beacon shall be mounted on the
rear top portion of tank with control switch on
dash. _____

8.0 CAB AND MISCELLANEOUS:

- a. Hoses: Cooling system to have EPDM or Silicon hose. _____
- b. Gauges: Oil pressure, Coolant temp., Air pressure,
Applied air pressure, Tachometer, Fuel level,
voltage, Air restriction gauge, in cab _____
- c. Coolant: Permanent extended life type _____
- d. Heater and defroster _____
- e. Air conditioning: Factory standard _____
- f. Mirrors: Dual West Coast Molded-In mounted on bracket.
LH and RH 8" Molded-In convex mirrors mounted
under primary mirrors _____
- g. Fuel tank: 50 gallon tank -- Minimum. _____
- h. Two front tow hooks _____
- i. Tilting front hood and fender assembly _____
- j. Cab "grab" or assist handles. _____
- k. Seats: Drivers; Air suspension, vinyl, high back
Passenger; non-suspension _____
- l. Horn: Air type _____
- m. Windshield wipers: Electric _____
- n. Power steering _____
- o. Mud Flaps: in front and back of rear tires. _____
- p. Front bumper: Steel, full width, without flexible ends _____
- q. Radio AM/FM, factory standard _____
- r. Cruise control _____
- s. Toolbox: Truck to have a 36" X 24" X 24" locking underbody
toolbox mounted to the chassis. _____
- t. Radiator: Lower radiator guard _____

WATER TANK:

9.0 TANK CONSTRUCTION:

Shall be an elliptical, low profile design approximately 2,500 gallons in capacity with the approximate dimensions of 7'2" wide by 10' long. Tank shall be constructed of 3/16" plate steel with radiused corners and internally baffled. The baffles and heads (i.e., ends of tank) shall be rolled, dished, and flanged with heads welded both inside and out.

Tank shall have an approximately 24" X 24", anti-splash, access dome with cover. All through tank openings are to be reinforced and torch cut edges finished off smooth. Outside welds to be smooth but not filled with body filler.

- 9.1 Sprayers and valves: Spray control valves to be incorporated into the spray heads. Five, air actuated, normally closed, fully adjustable, valves to be supplied.
 - a. Rear, two sprayers will be permanently mounted to rear of tank.
 - b. Front, two sprayers mounted to front bumper
 - c. Side, one spray head on street-side of truck.
 - d. Rear manifold to include 1 ½' threaded fire hose fitting with shut off valve, for connecting an 1½" fire hose to accommodate hand spraying water.
- 9.2 Fenders: 48" fenders with mud flaps in front and back of wheels.
- 9.3 Hydrant fill: A ridged mount 2 ½ " dia. filler pipe with a 6" air gap shall be mounted on the right rear side of the tank. Fill pipe to be equipped with a 2 ½" hydrant style fitting. To include; a 25' lay-flat filler hose with hydrant ends and a standard hydrant wrench.
- 9.4 Hose Reel: A 1" high pressure hose, 100' in length spooled on hand crank hose reel mounted on the back of truck as shown in photos attached.
- 9.5 Ladder: An OSHA approved ladder to be rigidly attached to back of tank to allow access to top of tank without interfering with spray operations.
- 9.6 Drain: Tank to be fitted with a 1 ½" drain plug – minimum
- 9.7 Mounts: To be mounted with six, spring loaded tank mounts with rubber Perma-slats between tank runners and frame rails.
- 9.8 Sight Gauge: A ½" dia. plastic sight gauge shall be mounted on the right rear of tank. Gauge to be clearly marked for maximum legal load.
- 9.9 Drafting: Water system to be designed such that tank may be filled using the pump to draft from a pond.
- 9.10 Controls: All controls for the sprayers and pump are to be mounted on a pedestal type counsel next to the driver's seat.

10.0 WATER PUMP:

- 10.1 Pump: The water pump shall be a 4" X 3" horizontal type pump. Pump shall have a minimum discharge flow of 750 GPM. Pump shall be mounted under the tank. Pump supply line at tank to include anti-cavitation plate to allow for pumping down tank.
- 10.2 PTO: The pump is to be drive line driven via a Power Take Off from the transmission.

11.0 SURFACE TREATMENT:

All exposed metal surfaces shall be sanded, treated with a metal etching primer and painted National School Bus Yellow, Polyurethane or Acrylic Urethane with a clear coat, per FED-STD-595, Acme color No. 85-43350-Y (or equal), except that:

- a. Working and/or lubricated joints, piston, spray heads, etc., shall not be painted.
- b. Interior of tank to be thoroughly cleaned and/or sand blasted and coated with a 2 stage epoxy rust preventative barrier coating.
- c. Front spray bar to be painted black.
- d. Steps of ladder and top of tank to include strips of anti-skid material.
- e. Chassis and under truck areas to be black.

This vehicle will be operated in coastal and high alkali areas which require a superior paint finish. **An inferior or incomplete paint job will not be accepted.**

12.0 GENERAL:

The unit shall be delivered completely assembled and ready to operate. Upon final delivery, dealer shall provide demonstration of truck operation, safety features and other pertinent information. All equipment cataloged as standard to be furnished and included in purchase price of unit. The component parts of the unit shall be of proper size and design to safely withstand maximum stresses imposed by a capacity load.

12.1 Publications: One copy, of the parts books or (CD ROM if available), service manuals, operator's manuals and other pertinent materials covering the entire unit and any added options shall be furnished.

12.2 Maintenance Kit: Vendor is to supply 1 complete set of Original Equipment Manufacturers filters for maintenance of truck. The filters are to include, but not be limited to 1 each;

- Engine Oil Filter,(s)
- Primary and Secondary Fuel Filter
- Coolant conditioner
- Transmission filters
- Air Dryer cartridge

Three sets of keys shall be furnished with vehicle

A weight certificate for complete vehicle shall be provided at time of delivery.

Only the latest models in current production which are cataloged by the manufacturers, and for which manufacturer's published literature and printed specifications are currently available, will be considered.

Bids will be considered only on equipment represented by a reliable manufacturer with a California distributor capable of providing timely service and parts. Dealer shall stock or be able to provide at least 90% of original equipment parts within 48 hours of order. Vendor must be a "Stocking Warranty" dealer within the County of San Luis Obispo or provide proof of a suitable stocking proxy warranty repair station within the County of San Luis Obispo.

13.0 DELIVERY: The unit shall be delivered completely assembled and ready to operate. All equipment cataloged as standard to be furnished and included in purchase price of unit.

13.1 The completed water truck shall be delivered to the County Operation Center, 1355 Kansas Avenue, San Luis Obispo. The truck shall be considered delivered at the time it arrives at the operation center. **Any questions regarding delivery or construction details shall be directed to the County Equipment Manager, Jim Berg, at 805-781-5112 or 805-459-0787. 24 hours notice shall be given prior to delivery.**

13.2 To be delivered pre-registered by vendor to:

COUNTY OF SAN LUIS OBISPO
PUBLIC WORKS E1244
1355-A KANSAS AVE
SAN LUIS OBISPO, CA 93405

13.3 Time is of the essence hereof. If the truck is not delivered in the time quoted by the vendor in this bid, or within any period of extension as authorized in writing by the County, it is understood the County will suffer damages from loss of use of said truck(s); and it being impracticable and infeasible to determine the actual damage, it is agreed that vendor shall pay to the County as fixed and liquidated damages and not as a penalty, the sum of One hundred dollars (\$100.00) for each working day of delay until the truck is delivered and accepted, and vendor shall be liable for the amount thereof, and the County may deduct said sums from any money due or that may become due the vendor; provided, however, that any delays in the delivery of truck due to unforeseeable causes beyond the control and without fault or negligence of the vendor (including but not limited to: act of County, fires, floods, epidemics, quarantine restrictions, strikes, or freight embargos).

Vendor shall, within five (5) calendar days from the beginning of any such delay, notify the County in writing of the cause of the delay; whereupon the County shall ascertain the facts and the extent of the delay and extend the time for delivery of the unit, when in it's judgment the findings of facts justify such an extension of delivery. The County's findings of fact thereon shall be final and conclusive on the parties hereto.

14. WARRANTY:

The County may choose to purchase an extended warranty for the complete truck or individual components. The County would prefer a minimum of three years warranty on all components if available. The base warranty for the engine should be at least 5yr or 250,000mi., with an extended "front to back" warranty of 5 years/300,000 miles.

List below the standard warranty and the extended warranty available along with any additional cost for the extended warranty indicated:

	Length of warranty coverage	Cost
14.1 Cab and chassis; Standard Warranty	_____	_____
Extended Warranty	_____	_____
14.2 Engine; Standard Warranty	_____	_____
Extended Warranty	_____	_____
14.3 Transmission; Standard Warranty	_____	_____
Extended Warranty	_____	_____

TRUCK MAKE: _____ MODEL YEAR & NAME: _____

ENGINE MODEL & YEAR: _____

	<u>UNIT COST</u>	<u>TOTAL PRICE</u>
Vehicle as Specified	\$ _____	\$ _____
7.5% Tax:		\$ _____
Total Bid Price:		\$ _____

LAYOUT OF TYPICAL COUNTY WATER TRUCK





County of San Luis Obispo Invitation to Bid #3615-13 July 16, 2013 Page 15
NEW AND UNUSED WATER TRUCK

The undersigned agrees to:

Deliver F.O.B. itemized below, and in accordance with Specifications attached. All equipment to be new and unused of the latest model year and all attachments shall be designated to be compatible with equipment proposed.

All equipment and accessories shall comply with the applicable State and Federal Codes, Regulations and Requirements.

Equipment shall be delivered serviced and ready to operate.

DESCRIPTIVE LITERATURE WITH COMPLETE SPECIFICATIONS MUST ACCOMPANY ALL BIDS. DEVIATIONS TO ATTACHED SPECIFICATIONS MUST BE CLEARLY INDICATED. NO DEVIATIONS UNLESS SPECIFIED IN SPECIFICATION SHEET OR BELOW.

TERMS OF SALE _____

DATE OF DELIVERY _____ GRAND TOTAL: _____

Authorized Official Name (Print) _____

Authorized Official Title (Print) _____

Signature _____

Firm Name _____

Address _____

City _____ State _____ Zip Code _____

Telephone _____ FAX _____

Federal Taxpayer ID# _____

☐ Individual/Sole Proprietor

☐ Corporation

☐ Partnership

☐ Other

BIDS MUST BE RECEIVED BY 3:00 P.M., August 6, 2013 AND
WILL BE OPENED IN THE OFFICE OF THE GENERAL SERVICES AGENCY
Bid #3615-13